

Appendix E - Battalion Level Fire Management Plans

Fresno-Kings Unit
Battalion 4311 Fire Management Plan
Year 2005

I. Mission Statement:

The Battalion's fire Prefire Management Program uses the systematic application of risk assessment, fire safety, fire prevention and fire hazard reduction to reduce wildland fires and costs of suppressing fires.

The overall goal is to reduce total costs and losses from wildland fires in Battalion 11 by protecting assets at risk through focused prefire management prescriptions for hazards and risks by blend fire prevention engineering, education and law enforcement programs that ultimately result in increasing initial attack success.

II. Priority Areas:

- **Powerhouse Road Area**

The Powerhouse Road area is located north of the community of Auberry. The area consists of the Powerhouse road corridor from the San Joaquin River to Auberry. The elevation varies from 700 to 2700 feet. The vegetation consists of a mix of predominately tall chaparral and oak woodland. The area is a mix of US Forest Service and SRA lands. This area is moderately developed and has an extensive fire history. Many fires originating from this area spread rapidly and threaten some of the other priority areas such as Meadow Lakes and Shaver Lake Basin.

- **Millerton Lake Recreation Area**

The Millerton Lake Recreation Area is located north of Millerton Road from the Millerton Dam to Wellbarn Road along the San Joaquin River. The elevation varies from 500 feet to 2300 feet. The vegetation consists of a mix of grassland, live-oak woodland, and Blue Oak-foothill pine woodlands. The area is moderately developed and has an extensive fire history. Combined with earlier developments that do not meet current SRA fire safe standards the area is designed for disaster. Compounding effective fire control is the need to be sensitive to alternative management practices that emphasize light hand on the land fire control practices due to the numerous rare, endangered, and threatened plant species in the

area. In addition the need to meet State Park and Foothill Nature Conservancy fire management objectives could lead to the rapid spread of fires within the area.

III. Existing Fire Plan Projects:

1) Mandated Programs:

Burning Permit Issuance/LE-38 Inspection Program/Chainsaw Spark Arresters Program

Inspection priority for this season will be to inspect those properties that were not in compliance last season and seek resolution to bring them in to conformance.

Targeted inspection area will be Sky Harbour, Valerie Meadows, and Morgan Canyon.

A targeted 4290 inspection program to advise property owners of improper water tank installation will be implemented.

2) Indirect Programs:

Community Affairs

This project involves the distribution of fire prevention information and educational material to the Friant, Table Mountain, Auberry, Prather, and Morgan Canyon communities through business contacts and public displays and events.

This project has been ongoing since 1995 and is a significant contributor to loss reduction through the prevention of wildland fires.

Interagency Meeting

This project involves the annual fire safety meeting and review of fire prevention programs for the current year with State, County, and Federal Cooperators. The meeting, held in early May, reviews fire management plans, campfire permits, fire prevention material distribution, targeted risks, and availability of fire suppression resources for the season.

A fuel break is established along Sky Harbour Road to slow the spread of fires running easterly from roadside ignitions. This program is critical to reducing the potential for large fires as there are no substantial fuel breaks east of Sky Harbour Road to Wellbarn Road.

IV. Potential Fire Plan Opportunities:

- 1) Targeted Programs:

Mower Caused Fires

Within the last several fire seasons homeowners attempting to meet 4291 clearances have caused multiple fires with mowers. The mower caused fires have been caused by the lack of functioning spark arrestors and the mower blades striking rocks.

In order to address this problem the Battalion has come up with an action plan. The Battalion will ask for assistance from the Prevention Bureau in developing a public education program that will include:

- 1) Press releases
- 2) Roadside signs
- 3) Information flyers to repair and mower shops
- 4) Bi-lingual flyers to be provided to all landscaping companies and companies doing lot clearing work.

The public education program will address the need for the 4291 clearance yet at the same time provide guidelines and information about how to prevent the ignition of fires while creating the hazard clearance.

The Battalion will also create and distribute an informational flyer that can be provided to vendors and repair shops informing them of the requirements of Public Resource Codes 4442, 4442.5 and 4443.

V. PRIORITIZATION OF EXISTING AND POTENTIAL PROJECTS/OPPORTUNITIES:

Battalion Priority	Project Name
1	Mower Caused
2	SRA Fire Safe Regulations
3	Prevention Signs
4	Fuel break - Sky Harbour Road
5	Community Affairs
6	Interagency Meeting
7	Weed Abatement Program
8	Nature Conservancy Ecosystem Management Project
9	Power line Inspection
10	Burning Permit Issuance/LE-38 Inspection Program/Chainsaw Spark Arresters Program

Objectives 2005:

Objective #1: Distribute mower safety to homeowners, repair shops, landscaping companies.

Objective #2: Complete Sky Harbor fuel break by July 1.

Objectives 2005 - 2007:

Objectives #1. Implement an inspection program to maintain compliance with 4290 regulations on homes that have been inspected during the 2004-05 year.

Objectives #2. Develop a Fire Plan for the State Parks that covers the Central Valley Region of DPR.

Fresno/Kings Unit

Battalion 4312 Fire Management Plan

2005

Battalion 12 Mission Statement

As authorized by the California Department of Forestry and Fire Protection and the Fresno/Kings Unit Chief, the mission of Battalion 12 is to maximize the economic, environmental, and social benefits of range, forest and watershed resources within the Battalion by fully incorporating community involvement, fuel reduction and protection planning. The Battalion personnel will also provide comprehensive fire protection and other related emergency services, including protection of life and property.

Geographic Priority Areas

Priority Area #1

Bald Mt. Subdivision area contains approximately 350 homes. They are located at the ridge top of a south/west –facing slope. It is up slope of a Fuel Model 4. The ridge top is mainly Fuel Model 4 with 8 and 9 mixed. CDF response times are a minimum of 15 minutes. There is a high fire history in the area.

Priority Area #2

Linson Lane and Shaver Springs subdivisions have approximately 75 homes between them. They are both located at or near the top of a drainage. Drainage fuels consist mainly of Fuel Model 4 type. CDF response time to the area is approximately 15 minutes. Fire history has been moderate in the area but has high potential.

Priority Area #3

Sugarloaf/Meadow Lake North fuel break extension. There are about 25 homes within this area but this fuel break would reduce fire traveling into another 100 homes within the North Bald Mt. Area. This project is located top of drainage with west facing slope. The fuels consist of Fuel Model 4 with 8 and 9 mixed. CDF response times are a minimum of 15 minutes. There is a high fire history in this area.

Priority Area #4

The community of Cressman's contains approximately 78 homes. It is located mid-slope on a south facing slope. Peterson Mill Road is located below the community of Cressman's. Wildflower subdivision is located above Cressman's. The fuel in the community itself is mainly Fuel Model 8. Fuels below would fall into Fuel Model 4. CDF response time is 15 minutes. Fire damage potential is extreme.

Existing Fire Plan Projects

The Beal Fire Road

The Beal Fire Road has been in place for many years. It is a joint venture with the CDF, local homeowners and the HWY 168 Fire Safe Council. The road extends from Tollhouse Road near Burrough Mountain Road across Highway 168 at the 4 Lanes, below Meadow Lakes, to Auberry Road. The purpose of the project is to reduce fuel accumulations and to decrease the potential of a wildfire that would cause damage to natural resources including wildlife habitat in the Beal Fire Road area. The last VMP done on the Beal Fire Road was begun in 1994. It was a three year project. Road grading occurs on as needed basis on parts of the Beal Fire Road. The project was proven successful when put to the test in 1998. A fire burned from the bottom of the 4 Lanes near the bottom of Backbone Mountain, uphill toward Meadow Lakes. Brushing had been completed at the west end of Beal Fire Road that spring and summer. That action allowed fire equipment to enter on the Beal Fire Road and perform successful structure protection. The forward progression of the fire was stopped just beyond the Fire Road. Future needs for the Beal Fire Road include placement of cement water tanks at strategic points along the Fire Road for fire suppression use, and brushing of all the Fire Road.

Cressman's Road Project

This is a grant project administered by the Unit Forester and the Fire Plan Coordinator. It was begun in 2000. The premise of the program is to reduce fuel loading along the main roads in the Cressman's subdivision. This will enhance emergency exit for civilians and make access easier for emergency equipment responding to the area. It will also help slow the spread of a wildfire approaching from below. This project was completed in 2004.

Peterson Mill Road Project

This is an additional grant project for the Unit that was ultimately started due to the success of the Cressman Road Project. The demonstration project began in the Spring of 2005. This project, which is to reduce fuel loading, is dependent upon "Prop 40" funding, the cooperation of the Fire Safe Council, and that of the stakeholders in the area involved.

As with the Cressman project, this project will also aid in the emergency access of civilians and emergency equipment and will help slow the spread of a wildfire.

4 Lane Rat Trail

Construction of a Rat Trail near the bottom of the 4 Lane on Highway 168 at Backbone Mountain is a cooperative project in conjunction with the U.S. Forest Service. The purpose of the trail is to prevent the spread of fires started from material dislodged from hot brake shoes. The project has been ongoing for a number of years.

Tollhouse Roadside Brushing

Tollhouse Road is involved in an ongoing roadside brush clearing project. This is a joint project with the CDF and the U. S. Forest Service. The U. S. Forest Service brushes the road from the Mountain Rest Station down to 33702 Tollhouse Road. CDF crews brush Tollhouse Road from 33702 Tollhouse Road down to Linson Lane. The project involves clearing brush in 100' stacking and burning. CDF has a Burn Boss from the Mountain Rest Station in attendance when burning is to occur.

Fuel Moisture Sampling

Shaver Lake personnel began a fuel moisture sampling project during the summer of 2001. Fuel samples are taken from the 4000' level at Buckeye Heliport on Highway 168. The fuel moisture record is sent periodically to various personnel in the Unit, the Emergency Command Center, the Schedule B stations and the U.S. Forest Service. The information may be used to predict burning indices as well as to alert personnel of the status of the area vegetation. Reaction to this project has been positive from both Unit personnel and U.S. Forest Service personnel.

Roadside Fire Prevention Signs

The Battalion has a total of eight Fire Prevention signs. Two are in Blasingame's first in area and six are in Shaver Lake's first in area. Shaver Lake Station has an annual fire prevention sign plan which includes Shaver Lake and Bald Mountain regions. This project is done in cooperation with the U.S. Forest Service. The signs are placed along Highway 168 and Auberry Road. Throughout the Battalion the signs are changed regularly to indicate seasonal messages. Sign examples include: "It's flu season – clean your chimney", "Burn permits required", "Clear brush 30 feet around your house", "No Burning" and fire danger indicators. Ongoing projects include replacing and repainting existing signs that are in poor repair.

Locations of Fire Prevention Signs in Battalion 12

1. Auberry Road at the Beal Fire Road
N37°04.463'
W119°26.608'
2. Bald Mountain Road south of Auberry Road
N37°04.324'
W119°24.594'
3. Auberry Road at Alder Springs (bulletin board)
N37°03.911'
W119°24.087'
4. Highway 168 at Vista Point (bulletin board)
N37°03.541'
W119°22.042'
5. Ridge Road in Ridge Top Subdivision
N37°04.563'
W119°20.449'
6. Highway 168 below Bretz Mill Road
N37°05.550'
W119°19.028'
7. Sample Road and Pittman Hill Road
N36°54.540'
W119°28.009'
8. Highway 168 ½ mile west of 17043 Highway 168
N36°55.372'
W119°30.922'

Potential Fire Plan Opportunities

Meadow Lake

The Bald Mountain ridge top is a significant fire hazard area. There is great potential in the area for large dollar losses due to fire activity. Currently, the Beal Fire Road stands as the only defense against large fires rising from the slopes below the Meadow Lakes area. A secondary line should be constructed at the top of the ridge between Meadow

Lakes and the Beal Fire Road. The proposed line would extend from Auberry Road, at the north end of Meadow Lakes, past the radio and TV towers to Bald Mountain Road. Once property owner permission is granted construction of the line can be carried out in three phases over three years. The first phase would encompass the north end of Meadow Lakes at Auberry Road and extend down to the water tank or near the radio towers. The second phase would include the radio towers. The third phase would follow a dirt road and end at Bald Mountain Road. Bull Dozers and Hand Crews could be utilized to complete the project. Once completed, maintenance should be ongoing.

Sugarloaf North (meadow lake extension)

This project would be a joint venture between CDF and the USFS. The existing Sugarloaf road would be reduced of fuels along both sides of the road for approximately 4 miles. The purpose of the fuel reduction is to prevent the spread of wildfires which traditionally come out of the Jose' Basin or San Joaquin drainage into the upslope populated area of Bald Mt.

Prioritization of existing and potential projects/opportunities

<u>Battalion Priority</u>	<u>Project Name</u>
1.	Peterson Mill Road Project – Existing
2.	Beal Fire Road – Existing
3.	Cressman's Project – Completed
4.	Meadow Lakes Fuel Break- New
5.	Sugarloaf North-New
6.	Tollhouse Roadside Brushing - Existing
7.	4 Lane Rat Trail – Existing
8.	Dinkey Mountain VMP – Existing
9.	Fuel Moisture Sampling - Existing

Year to Year Objectives

- Objective #1 -- Complete fuel reduction along Peterson Mill Road in the year 2005. Monitor progress of "Prop 40" grant.
- Objective #2 -- Complete the Tollhouse roadside brushing by June 1, 2004.
- Objective #3 – Complete Beal VMP contract by 12/31/02 Project completed by 6/04.
- Objective #4 – Develop a plan and have agreements from property owners in the Meadow lakes Fuel Break area signed by December 31, 2006. Project completed by 12/08.

- Objective #5— Sugarloaf North paper work done by CDF & USFS by December 31, 2006. Project completed by 12/10.

Submitted by: **Battalion Chief Eric Sargent**

Fresno-Kings Unit
Battalion 4313 Fire Management Plan
Year 2005

Battalion 13 is integrating the fire plan into the Battalion Fire Management Plan. By identifying problems and target areas, we will strategically implement the plan into our battalion goals.

Mission Statement:

The battalion's mission is to educate and involve the communities we serve regarding pre-fire suppression activities that will hopefully minimize the number of wildfires in the area therefore, reducing the costs and losses associated with same.

Priority Areas:

Recreational areas along River and Lakes.

These areas experience a huge increase in population during the summer months, resulting in increased call volume for water rescues, over the side rescues, and vehicle/ vegetation fires.

Area 1:

Sunnyslope Subdivision – This community is in a high recreational use area { Pine Flat Lake}. Previous fire history dictated we concentrate on structure protection vs. wildland fire control.

Area 2:

Highway 180 corridor between Cove and the Sequoia National Forest boundary. This is a heavy traveled highway during the summer months for vacationers traveling to and from the National

Forest and Park. Typical fire history for the area is roadside starts. Most fires were contained during initial attack. However, there have been a few large/ major fires.

Area 3:

Communities of Pinehurst, Miramonte, Dunlap, Squaw Valley, Sand Creek and Wonder Valley. These areas represent the wildland urban interface problems of the battalion. Our best fire prevention effort here is a strong LE-38 program.

Area 4:

Trimmer Springs Road between Belmont Avenue and the Island Park Camp Ground. Again, this is a heavy traveled road for recreational use of the adjacent Pine Flat Lake. Topography is mainly south aspect and uphill slope.

Existing Fire Plan Projects in priority order:

1. LE – 38 Fire Inspection program

2. Rat Trailing:

Rat trailing by Miramonte Fire Crews have been successful in slowing down or containing fire spread. It is more noticeable during years of heavy arson activity. Target areas include:

- Hwy 180
- Hills Valley RD
- Sunnyslope RD
- Sand Creek RD

3. Sunnyslope Fuel Break:

Fire activity in 1996 resulted in the creation of this fuel break. The community to which it protects conveys their thanks and appreciation for what we did extra to help them with fire protection measures.

4. Public Awareness Campaign:

Continue to educate the public on the fire safety in recreational areas of the battalion {i.e. campfire safety, cooking and warming fires}. Cooperate with the Corps of Engineers personnel to arrange educational events at campgrounds.

5. Pre-Plans

Update existing pre-plans and pre-plan any new business in the battalion. These contacts allow station personnel to be proactive, meeting business owners, Ranchers, and school district personnel and create positive public relations.

6. Fire Control Road Maintenance:

HFEO's grade the fire roads every spring to assure emergency access during fire season. These roads have been successful in assisting fire control.

7. Addresses:

Company 77 makes and sells address signs for Piedra's response area, which assists in locating the public in emergency situations.

Potential Projects:

1. Fire Safe Council

Initial meeting has been scheduled for March 8, 2005 at 1900 hrs. at the library in Squaw Valley. This is the first step towards formulation and implementation of a Fire Safe Council in battalion 13.

2. Update map books

Utilize information gathered from burn permits, LE-38 program, and GPS data to update and improve battalion 13 map books. This can be accomplished by using the Delorme Topo USA 5.0 program. Copies available through Piedra station.

FC Tracey Nutter
Feb. 2005

Fresno-Kings Unit
Battalion 4314 Fire Management Plan
Year 2005

Understanding the need to reduce the costs related to large and destructive fires, Battalion 4314 is committed to the implementation of The Unit's Fire Plan. Recognizing the need to improve on its participation in the Unit's fire plan, the following is a list of existing and potential problems and projects for the Battalion.

Mission Statement

Battalion 4314 will actively engage in reducing costs and losses from fires by involving local residents, businesses and cooperative agencies in ignition prevention.

Priority Areas

PRC 4291

This years rain fall is well above normal amounts (13 + inches), vegetation growth is three time the nomal length (16" to 18"). In conjunction with the Units Fire Prevention Staff a very aggressive program will be implemented in the State Responsibility Areas.

Priority Area # 1 Los Gatos Canyon

Los Gatos Canyon is a sparsely inhabited area of the Los Gatos Creek drainage on Los Gatos Road west of Derrick Avenue to the County line. It is populated mostly by long time residents of the area which have a better than average knowledge of fire safe regulations and practices. It is this knowledge which makes them unique in that they are very low maintenance is regards to fire prevention, allowing battalion crews to concentrate on the newer residents to the area. The fuel models consist of mostly 1 and 4 with the biggest challenge in the off road areas, being access. Although fire history does not support a tremendous problem there has been some activity usually related to ranch activities or lightning.

Priority Area #2 Warthan Canyon

This area lies up the Warthan Creek drainage along Highway 198, south the City of Coalinga to the County line and south on Parkfield Road to the County line. Its characteristics are not so different from those of the Los Gatos Canyon area with its problems and solutions being very much the same. Fuel Models are 1 and 4 and fire history has been very limited with most causes being equipment oriented mostly off the highway.

Priority Area # 3 Kings County SRA

The Kings County SRA lies along the Highway 33 corridor to the west from Coalinga to the Kern County line. Since the closing of the Cottonwood FFS the response times have become considerable with the first in initial attack equipment now coming from either CDF/SLU, Kern County Fire or the Kings County Fire Department. The primary fuel model is 1 and 4. The longer response times can make this an interesting problem regarding suppression if IA doesn't have a positive effect in regards to suppression. Fire causes are generally a result of coming off of the Highway 33, and statistics tells us of an arson problem which occurred in 1996 and 1997 but which has since resolved itself to the point of now being practically non existence. Support and interface with the cooperative agencies tends to keep a handle on this area's problems. Additionally there are two 230 KV electrical transmission lines. The Diablo-Gates and the Templeton-Gates are located in the south, in and around the junction of the Kings, Fresno, and Monterey County lines.

Priority Area # 4 Oil fields

The Oil fields lay in both the SRA and the LRA and although crisscrossed with roads are a definite threat to the wild land to the west should a fire escape from this area. Its fuel model is a 1 and the primary cause for fires in this area has been power line related. These are not the normal utility lines in that they are owned privately by the oil companies and are maintained by them. We have an on going process of keeping the oil companies educated regarding their responsibilities in regard to maintenance and the liability, if their lines are responsible for causing a fire. Through this process, along with our enforcement and cost collection procedures, the statistics for power line caused fires in this area have decreased over 80% since 1996.

Existing Fire Plan Projects

Fire Control Roads

Tar Canyon & Juniper Ridge

Although these roads are located in entirely different locals, they are both important to the philosophy of keeping costs to a minimum. For a minimum investment in the late

spring we can provide ourselves with not only an access to some very inaccessible country but also create a secondary defense to stop a wild land fire if it should be needed. Juniper Ridge Fire Road is in that area West of the City Coalinga running from Highway 198 north to Los Gatos Road. Its most apparent use would be for controlling a fire that originates in the oil fields or the foothills west of Coalinga, which may not be controlled by IA forces. The Tar Canyon Fire Road is in Kings County, beginning just south of Avenal on Highway 33 going west through the hills towards Picacho Rock. It provides access to some very rough country in and around the Black Hole Quadrant. The maintenance of these fire roads is imperative to the mission of controlling fires at the earliest possible moment.

Power Line Ignitions within Oil Fields

Over the years the oil fields in and around Battalion 4314 have provided numerous vegetation fires which were predominantly caused due to power lines. Although the numbers have decreased significantly in the past five years this is an on going project, keeping the oil companies which control these power lines, aware of their responsibility and liability. Contact by the Battalion Chief as well as the engine companies in the summer on a regular basis assists in the relationship with those companies so that proper maintenance is done to keep those ignitions to as few as possible.

Roadside Fire Prevention Signs

The roadside fire prevention sign are located throughout the battalion on the main arteries. These signs are used to provide the public information that will make them a friendlier user of the wild lands, both private and public. As conditions changed and situations arise they are updated to provide the public with the most current information. The inventory of signs in battalion 4314 needs to be updated with the most current and applicable messages available, and additional locations need to be obtained.

Existing Locations:

Sign #1	36° 05.800' N	120° 31.521' W
Sign #2	36° 11.674' N	120° 24.901' W
Sign #3	36° 13.783' N	120° 34.280' W
Sign #4	36° 17.344' N	120° 16.751' W

Proposed Locations:

Sign #5	36° 05.689' N	120° 27.456' W
Sign #6	36° 17.605' N	120° 40.885' W

ID water sources in Westland Water District

The Westland Water District has a water distribution system throughout many areas of Battalion 4314. This system provides a 24 to 36 inch water line that has various connections, many of which are fire department compatible. The battalion is in the process of identifying these and getting the GPS location for each so they can be mapped. Completed 2004.

Fire Prevention Display Horn Toad Derby and Coalinga Fest

Each year the City of Coalinga has two major events, the Horned Toad Derby, and Coalinga Fest. Both of these are considerable in size and attended by a great majority of the local residents, as well as visitors to the area. The parade provides a venue to display Smokey and entice the public to a Fire Prevention booth where we can reach out to the youth of the area and also to put forth any fire prevention message that is pertinent at the time.

Potential Fire Plan Opportunities

Vegetation Management Program Burns

The Van Boxtel and Varian VMP burns will provide Battalion 4314 with the opportunity of taking a positive step towards supporting the Unit's fire plan. The Van Boxtel burn is approximately 1000 acres, providing for a fuel modification that will increase the productivity of the land in regards to increased value for grazing and wildlife habitat. Additionally this burn would provide a fuel modification which could decrease the intensity of wild fire exposure to the 230 KV electrical lines of the Diablo-Gates and the Templeton-Gates transmission lines. The Varian burn, approximately 500 acres, would provide fuel modification that would decrease fire intensity and improve grazing and wildlife habitat. Van Boxtel Completed, fall 2003.

New water Sources

The development of new commercial and agricultural businesses in and around the battalion has resulted in draft water sources that may or may not be properly identified. The location of these and their GPS location will be obtained. Ongoing.

Fire Road Location

Although the Tar Canyon and Juniper Ridge Fire Roads are on our standard Unit maps the GPS location of them will be accomplished for the purpose of providing their location to the Pre Fire Planning Officer.

Battalion House Numbering System

Personnel of Battalion 4314 will make a conscience effort to evaluate the quality of the house numbering of existing residents and monitor for new construction so that new people to the area can be made aware of our standards, thus maintaining the integrity of the house numbering of the battalion.

Prioritization of existing and potential projects/opportunities

<u>Battalion Priority</u>	<u>Project Name</u>
1	Fire Control Roads - Existing
2	New Water Sources – In progress
3	Vegetation Management Program Burns – Van Boxtel / completed 2003. Varian, in progress.
4	Fire Road Locations – New
5	ID Water Sources in Westland Water Dist. – Completed
6	Power Line Ignitions within Oil Fields – Existing
7	Horned Toad Derby / Coalinga Fest – Existing
8	Battalion House Numbering System – Existing
9	Roadside Fire Prevention Signs - Existing

Objectives:

Objective #1	Meet with Cooperative Agencies by April 2005
Objective #2	Meet with Oil Companies by April 2005
Objective #3	Complete Fire Road Maintenance by May 15, 2005
Objective #4	Horned Toad Derby, May 2005
Objective #5	GPS Fire Roads by August 2005

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| Objective #6 | Coalinga Fest |
| Objective #7 | Map and GPS Westland Water Dist. Sources by Jan. 2004 / Completed |
| Objective #8 | Locate and map Draft Water Source by January 2004 / in porgress. |

Fresno-Kings Unit

Battalion 4317 Fire Management Plan

Year 2004

Mission Statement:

The mission of Battalion 4317 is to continue to improve the PCF program within the Battalion. Also to stay involved with the Fig Garden Fire Protection District Board of Directors. Our involvement keeps the residents thinking about fire safety. The above will reduce costs and losses from fire within the Battalion by staying actively involved with the local residents.

Priority Areas:

Priority Area #1 – Fig Garden Fire Protection District Station # 80

Station # 80 first in area of Circle Drive North and the Santa Fe RR right of way. There are some residential structures heavily forested that butt up against the right of way. This is a walkway for pedestrians and the fire hazard becomes an attractive nuisance for playing with fire.

Priority Area #2

Fig Garden Fire Protection District Address signage.

Some addresses within the district are difficult to see especially at night and/or in the fog. We will attempt to notify residents through the Fig Garden Homeowner's Association Newsletter and the Station #80 annual open house.

Existing Fire Plan Projects:

See Priority # 1 above.

- a) Have initiated correction to the Railroad. This will be a yearly project because of the annual vegetation growth.
- b) Success will be noticed in the summer.

Continuation of recruitment and training of Paid Call Firefighters (PCF) including Category II & IV classes within the battalion.

Potential Fire Plan Opportunities:

Installation of “VISITORS WELCOME” signs on all stations.

Our Customers and/or Stake Holders need to know who we are. We must let them know that we are open to their visits.

Prioritization of existing and potential projects/opportunities:

Battalion Priority	Project Name
1	Fig Garden RR right of way
2	Fig Garden address signage
3	PCF Training

Objectives:

Objective #1 – Finish fire hazard problem on RR right of way by June 30th of every year.

Objective #2 – Fig Garden address signage. Notify residents through Fig Garden newsletter and annual open house.

Objective #3 – Continue PCF Recruitment and Training – no time frame, this is on going. 2003 to 2007 and beyond.

Fresno-Kings Unit

BATTALION 4318 FIRE MANAGEMENT PLAN

YEAR 2005

Battalion 18 is integrating the fire plan into the Battalion Fire Management Plan. By identifying problems and target areas, we will strategically implement the plan into our battalion goals

Mission Statement:

The mission of Battalion 18 is to provide the highest level of customer service while reducing the costs and losses from fire through education of the public, active involvement in school programs and communities and maintaining a positive and professional relationship with allied agencies.

Priority Area

Kings River

The section of Kings River between Adams Avenue and Dinuba Avenue contain a high fuel loading both on the riverbanks and islands. Due to increased usage of the river water ways and urban interface, fires and rescues have become more frequent. These types of incidents require a large number of resources and extended commitment times. Firebrands from resultant fires have a potential for ignition of roof fires in the City of Reedley and adjacent urban residences

Existing Fire Plan Projects:

Identify Draft Hydrants in the Battalion

The onset of new subdivisions in the outlying areas of the county has brought a need for water sources. Draft hydrants are being utilized in certain areas to provide the necessary water for these high value homes. Currently there is not a set standard to visibly identify these draft hydrants. The potential for an engine company to come and cover our area that is completely unfamiliar with draft hydrants is great. Clearly identifying these hydrants with visible markings and knowing their locations would lessen the chance of error thus lessening the fire loss to homeowners.

This project would cover the following areas:

1. Work with Protection and Planning in developing a standard for draft hydrants throughout the unit.
2. GPS the location of all the hydrants within our Battalion and map them
3. Mark all draft hydrants once a standard has been developed.
4. Map and indicate water tank size and pump capacities that are attached to a draft hydrant.
5. Establish a service record for these draft hydrants.
6. Have the Training Bureau establish a quarterly drill for draft hydrant operations.

Preplans

Update existing preplans and preplan any new businesses in the battalion. This contact allows the station personnel to be proactive, meet business owners, school district personnel in their area and create positive public relations. There are numerous industrial complexes in the battalion which can be identified and updating contact numbers or special circumstances pertaining to that business or school.

Potential Projects:

Addresses

A common problem found throughout our county is the lack of addresses posted or they are posted but unreadable. This not only increases response times but creates a safety problem as we are trying to search for addresses in the dark or fog. Some possible solutions would be to :

1. Send out fliers explaining the importance of posting legible addresses.
2. Enlisting the help from schools, either as a school project or after school activity.
3. Using the PCF Companies to fund raise for their companies. If the Unit and County can adopt a standard for posting addresses, such as having a sign with their numbers, maybe the PCF Companies can make these to sell. This one is open for discussion.

School Program Plan

Be more involved with the schools in our response areas. We do participate in some activities, but more intervention would go a long way in developing a strong relationship with the communities. Programs such as Career Days, Fire Safety, Fire Prevention Day or Station Tours are some ways we can interact with the children.

Kings River Plan

Currently all Battalion 18 stations have a Kings River Plan. It was created in 1995 for the purpose of engine companies responding to an emergency in the area, would have access points identified on a map. The map covers from the Fresno-Tulare County line all the way to Trimmer Springs Rd. We would like to update the map utilizing GIS and if practical, include addresses and parcel numbers to it. We will also improve the plan by contacting and educating the landowners in fire prevention and develop ways to reduce the fuel along the river.

Prioritization of existing and potential projects/opportunities.

<u>Battalion Priority</u>	<u>Project</u>
1.	Draft Hydrants
2.	PrePlans
3.	Addresses
4.	Schools
5.	Kings River Plan

OBJECTIVES:

Objective # 1 - Identify and map all draft hydrants in the battalion by March 15, 2002.

Done.

Objective # 2 - Complete these preplans in order as identified by importance:

1. Schools(concurrent with inspections)
2. Care or Foster facilities (rest homes)
3. Any Industrial complexes creating mass evacuations i.e; cold storage, bulk hazardous material storage etc.
4. Industrial businesses with large work forces.

Station 86 has their area almost complete of pre-plans.

Station 83 has conducted tours with Sun Maid within the last month.

All others are still continuing.

Objective # 3- Create an informational flier, public spots, and newspaper advertisements stressing the importance of posting addresses.

This project is still in the planning stages, due to lack of funds.

Objective # 4 - Contact schools and Fire Prevention to coordinate programs. This will be in conjunction with the annual school programs.

All stations are involved with school programs and local area prevention programs.

Objective # 5 - The Kings River Plan has been started. Mapping was done on the East side of the river. We are also using a GPS to mark staging areas and possible landing zones.

No further progress on this project.